

# WATER TREATMENT *Solutions*



## Formula 732 Descaler

- Removes iron, scale and sludge
- Minimizes energy costs
- Restores water flow and system efficiency



CARE FOR WORK ENVIRONMENTS®

# Formula 732

## Descaler

### APPLICATIONS

Use Formula 732 Descaler to effectively clean steam tables, cooling towers, boilers, cooling and heating coils, humidifiers and swimming pools. It will dissolve the toughest lime, water scale, mud and rust deposits from almost any type of water-based equipment.

### TOUGH DESCALING PROPERTIES

Formula 732 cleans with the strength and speed of an acid. In a matter of hours, deposits are completely dissolved and washed away. There is no need to heat boilers during the descaling operation, thus eliminating yet another potential hazard while saving time and energy.

### SAFER FORMULATION

Formula 732 is biodegradable, non-flammable and contains no VOC's or phosphates. It also meets the requirements for use in federally inspected meat and poultry plants and is CFIA approved.

### ECONOMICAL

By incorporating Formula 732 into a routine preventative maintenance program, equipment will continue to run efficiently and economically. The dilutable concentrate also makes Formula 732 extremely versatile and cost-effective.

### DIRECTIONS FOR USE

#### Descaling boilers and cooling towers

Depending on the thickness of the scale and corrosion to be removed dilute with water at a range of one part Formula 732 Descaler to 10 parts water, up to one part Formula 732 Descaler to 25 parts water. Circulate the diluted material for several hours. No need to heat boilers during the descaling operation. Flush the system and rinse clear with plenty of fresh water until the pH in the boiler or cooling system is the same as the pH of the incoming water. Formula 732 is a descaler for seasonal descaling operations. It is not designed to be used in the system as an ongoing water treatment product.

**NOTE:** Use caution on galvanized steel and aluminum. Prolonged contact with concentrated material may affect these surfaces.

### TECHNICAL DATA

**FORM:** liquid  
**COLOR:** red/orange  
**ODOR:** wintergreen  
**SPECIFIC GRAVITY:** 1.06 gm/ml  
**WEIGHT PER GALLON:** 8.86 lbs.  
**SOLUBILITY IN WATER:** complete  
**VISCOSITY CPS @ 70°F (21°C):** 100-200 cps  
**FLASH POINT:** none to boiling point  
**PH:** less than 1  
**SURFACTANT SYSTEM:** biodegradable  
**ALKYL PHENOL ETHOXYLATE (APE) SURFACTANTS:** none present  
**VOLATILE ORGANIC COMPOUNDS (VOC'S):** none  
**ORGANIC SOLVENTS:** none  
**PHOSPHATES:** none  
**BOILING POINT:** greater than 210°F (99°C)  
**EFFECT ON STEEL:** non-corrosive  
**EFFECT ON ALUMINUM:** prolonged contact may have some effect  
**EFFECT ON GALVANIZED:** prolonged contact may have some effect  
**EFFECT ON CHROME:** prolonged contact may have some effect  
**EFFECT ON COPPER:** non-corrosive  
**EFFECT ON BRASS:** non-corrosive  
**EFFECT ON RUBBER:** none  
**EFFECT ON PLASTICS:** none  
**EFFECT ON PAINT:** none  
**EFFECT ON GROUT:** none  
**EFFECT ON PORCELAIN AND CERAMICS:** none  
**EFFECT ON STAINLESS STEEL:** non-corrosive

### PACKAGING

121435	5 GL Pail
106444	20 GL Drum
106445	55 GL Drum



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